Agilent 5890 GC Control Driver Release Notes

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Introduction of the driver (4.0.0)

The Agilent 5890 GC CompassCDS control driver software needs CompassCDS version 3.0.1 or above (CompassCDS version 2.0 is not supported).

The Agilent 5890 GC can be controlled by CompassCDS software when equipped with the HPIB & RS232 communication board, and the 7673 AS when connected to the PC COM port or the GPIB port of a STAR 800 & 850 MIB.

Supported configurations

- Inlets:
  Split/splitless capillary inlet (S/SL)
  Temperature-programmable cool on-column inlet (PCOC)
- Detectors:
  Flame ionization detector (FID)
  Thermal conductivity detector (TCD)
  Electron capture detector (ECD)
  Nitrogen Phosphorous detector (NPD)
  Flame Photometric Detector (FPD)
- Autosampler: Automatic liquid sampler (ALS) type 7673 (G1513A) including the 100 vials tray (18596A) and the controller module (G1512A)
- The Oven Cryogenic coolant is controlled
- PCM (Pressure Control Module) is controlled
- Multi injector, multi detector: CompassCDS can control any 2 autosampler, 2 Inlet, 2 detector configuration as long as the configuration consists of the elements described above
- Valves. Four valves can be controlled.
- One auxiliary heater can be controlled.
- Four auxiliary EPCs can be controlled
- Run time events

Known issues

- The inlet temperature program of the method is still applied when changing from Programmable inlet or Oven track inlet to Isothermal inlet. The workaround is to set all ramp values to 0.
- When the 5890 has a version greater or equal to 1.14.1.1, using an Agilent 7673 Autosampler connected using serial communication, and using a driver version greater or equal to 1.11.1.6, it can occur that the injection is done, but the Ready signal is not sent back to CompassCDS. Then, no data point is displayed on the acquisition view. In this case, remove the synchronization cable.